

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052820.D
 Acq On : 24 Mar 2022 22:15
 Operator : CG/JU
 Sample : N2090-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MHB

Quant Time: Mar 25 03:20:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

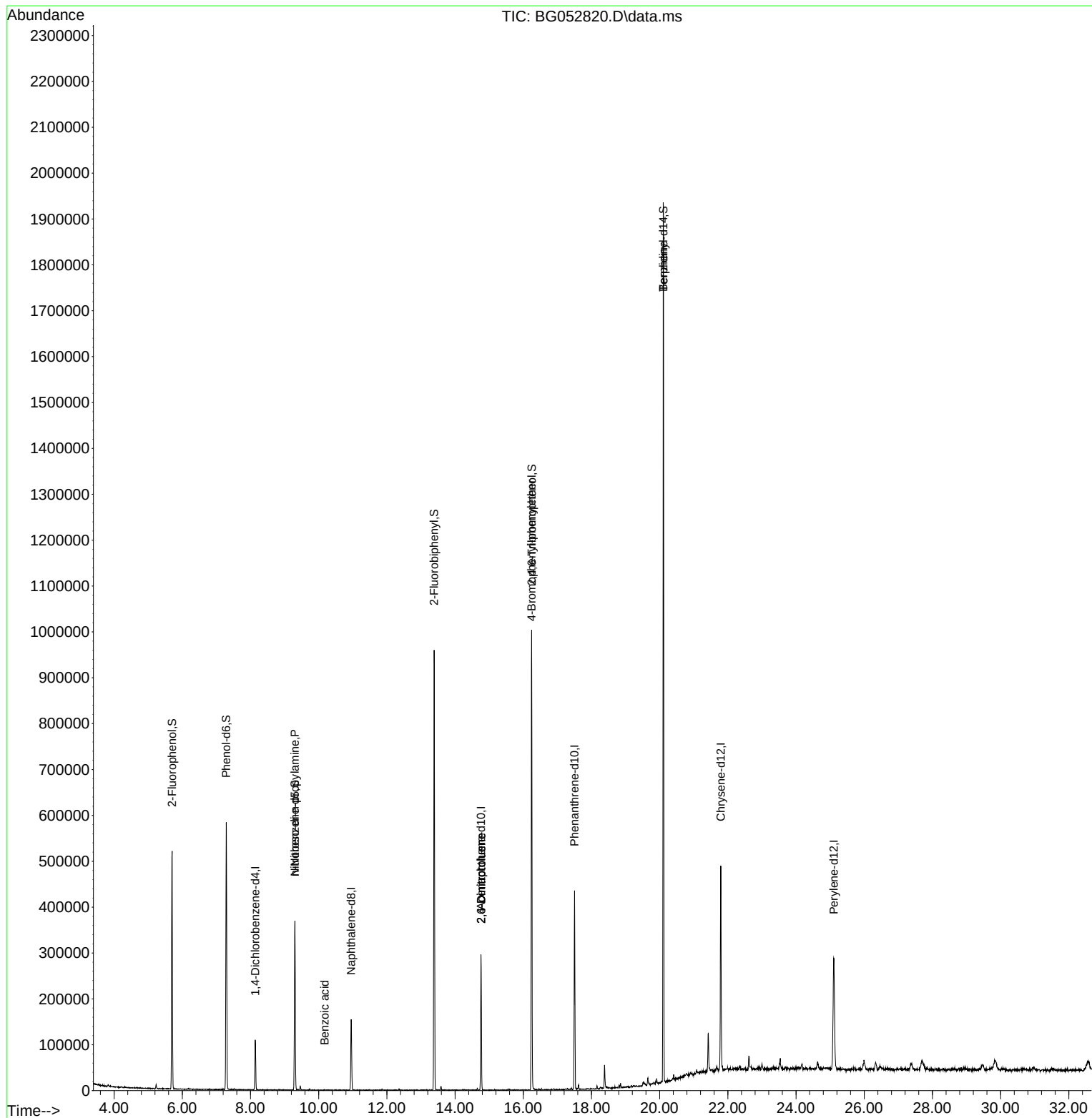
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	28683	20.000	ng	0.00
21) Naphthalene-d8	10.954	136	130514	20.000	ng	0.00
39) Acenaphthene-d10	14.761	164	105090	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	268865	20.000	ng	0.00
76) Chrysene-d12	21.792	240	275948	20.000	ng	0.00
86) Perylene-d12	25.111	264	281203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	213563	129.667	ng	0.00
7) Phenol-d6	7.288	99	327357	131.837	ng	0.00
23) Nitrobenzene-d5	9.303	82	226892	87.253	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	198240	140.384	ng	0.00
45) 2-Fluorobiphenyl	13.386	172	509369	71.486	ng	0.00
79) Terphenyl-d14	20.112	244	1013596	65.340	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.288	77	682	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	9.303	70	32475	18.466 ng	#	81
32) Benzoic acid	10.173	122	56	5.709 ng	#	43
51) 2,6-Dinitrotoluene	14.767	165	13045	9.892 ng	#	24
57) 2,4-Dinitrotoluene	14.767	165	13045	7.130 ng	#	22
67) 4-Bromophenyl-phenylether	16.241	248	12771	3.940 ng	#	1
77) Benzidine	20.106	184	17070	2.398 ng	#	89

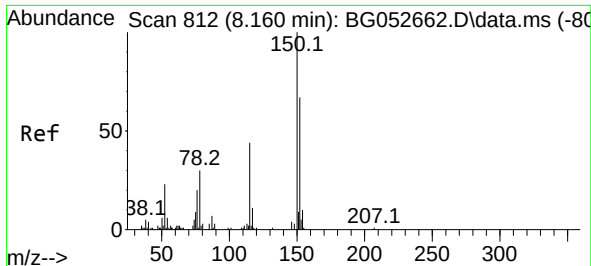
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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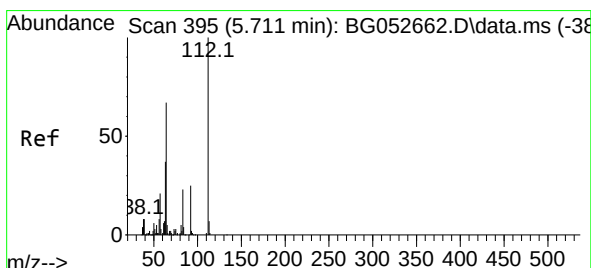
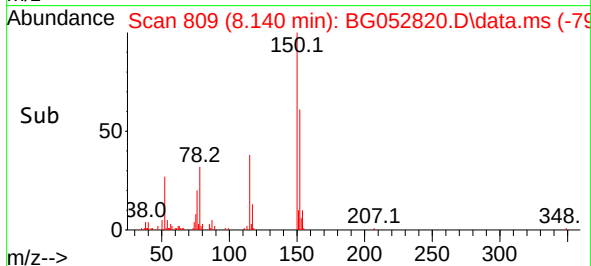
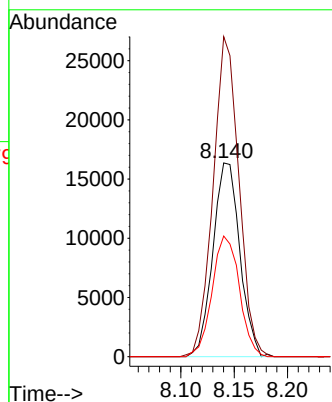
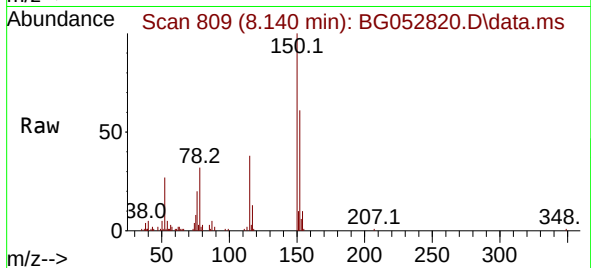




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

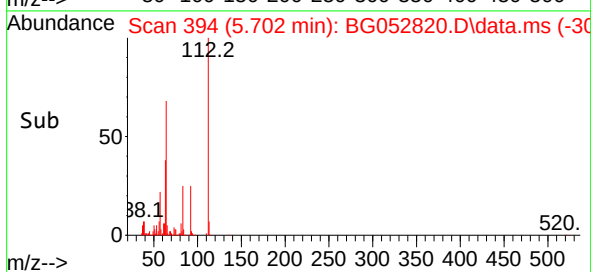
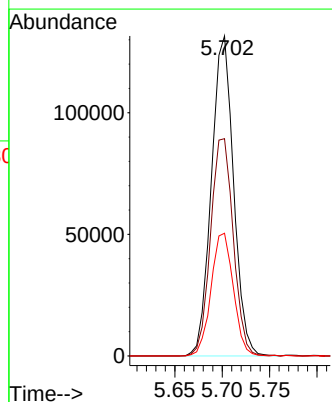
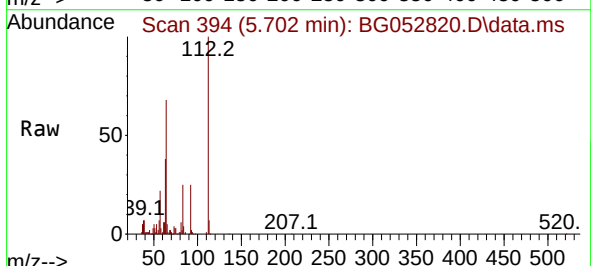
Instrument :
BNA_G
ClientSampleId :
MHB

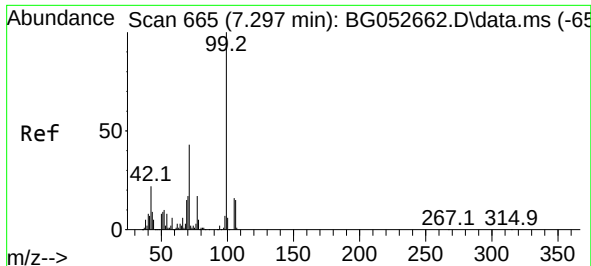
Tgt Ion:152 Resp: 28683
Ion Ratio Lower Upper
152 100
150 165.1 114.6 172.0
115 62.3 45.9 68.9



#5
2-Fluorophenol
Concen: 129.667 ng
RT: 5.702 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

Tgt Ion:112 Resp: 213563
Ion Ratio Lower Upper
112 100
64 67.9 48.0 72.0
63 38.3 26.5 39.7

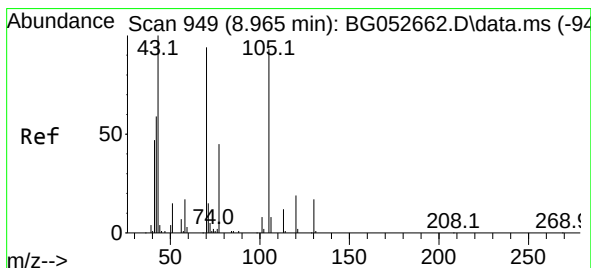
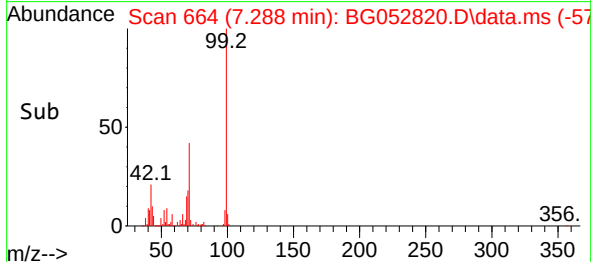
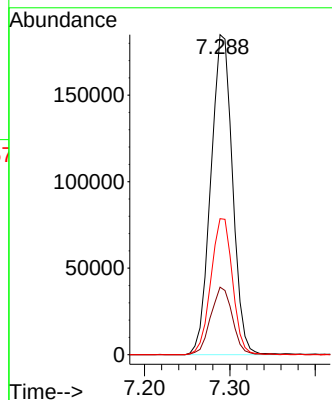
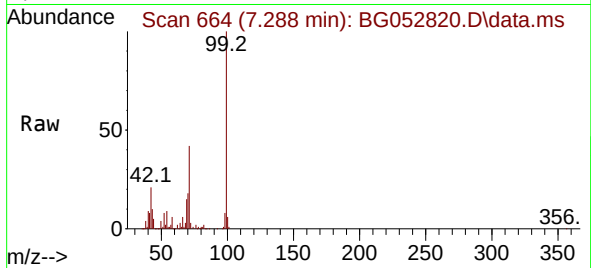




#7
Phenol-d6
Concen: 131.837 ng
RT: 7.288 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

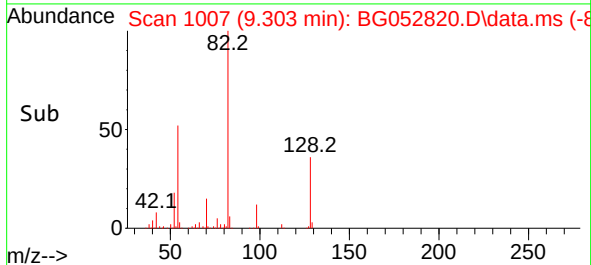
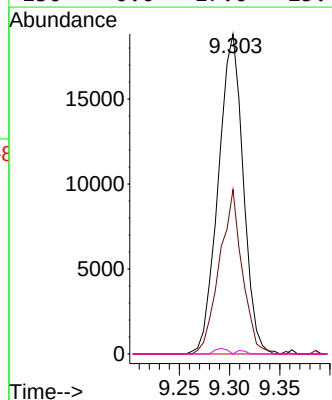
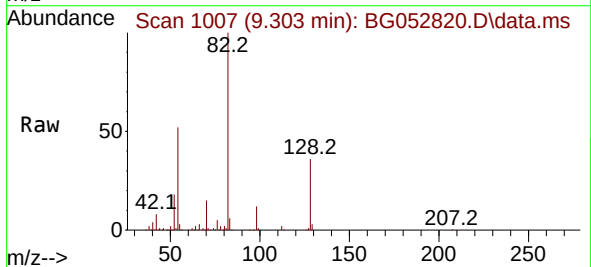
Instrument :
BNA_G
ClientSampleId :
MHB

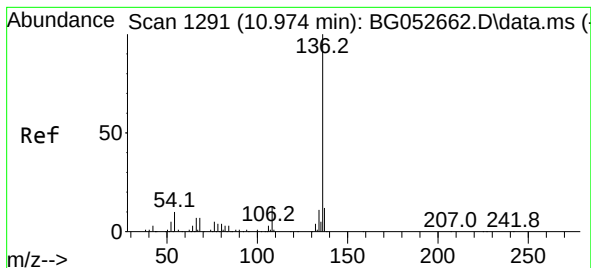
Tgt Ion: 99 Resp: 327357
Ion Ratio Lower Upper
99 100
42 21.1 14.7 22.1
71 42.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.466 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.358 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

Tgt Ion: 70 Resp: 32475
Ion Ratio Lower Upper
70 100
42 51.3 46.0 69.0
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

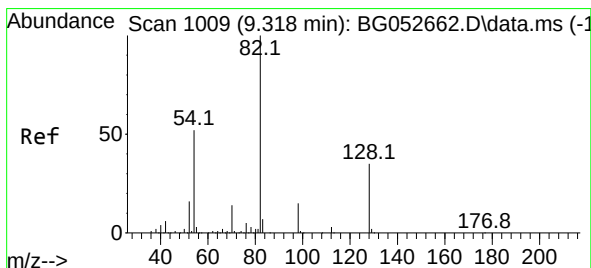
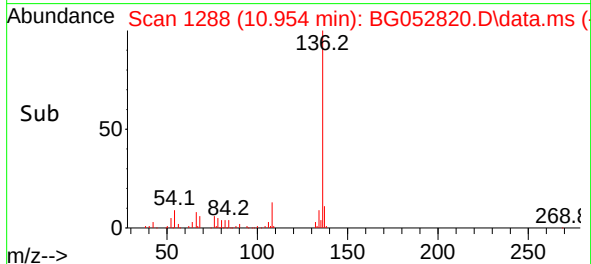
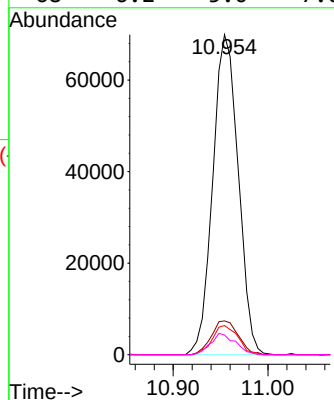
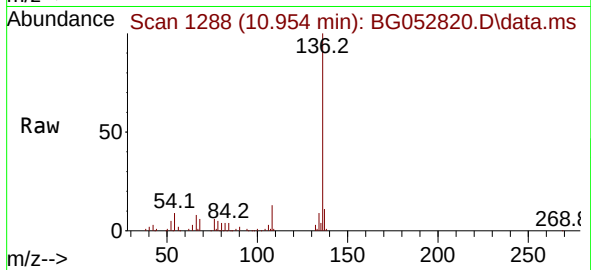




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.954 min Scan# 110
Delta R.T. -0.006 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

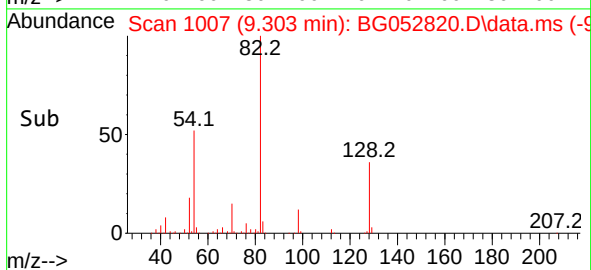
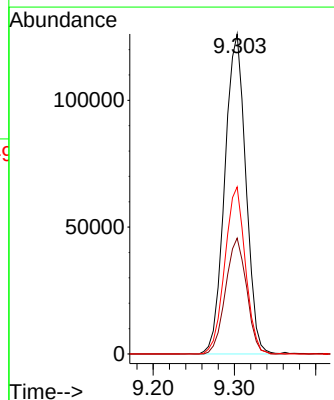
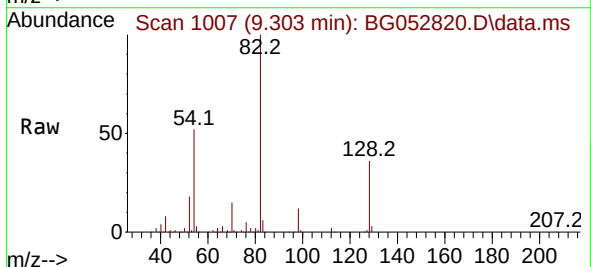
Instrument :
BNA_G
ClientSampleId :
MHB

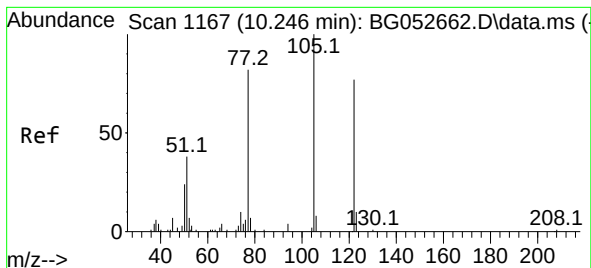
Tgt Ion:	136	Resp:	130514
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.4	14.2
54	9.1	6.4	9.6
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 87.253 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

Tgt Ion:	82	Resp:	226892
Ion Ratio	Lower	Upper	
82	100		
128	36.2	31.3	46.9
54	52.2	37.8	56.8





#32

Benzoic acid

Concen: 5.709 ng

RT: 10.173 min Scan# 1167

Delta R.T. -0.065 min

Lab File: BG052820.D

Acq: 24 Mar 2022 22:15

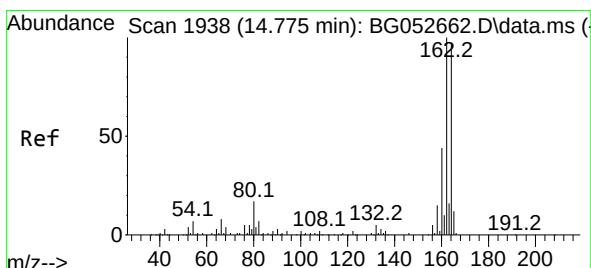
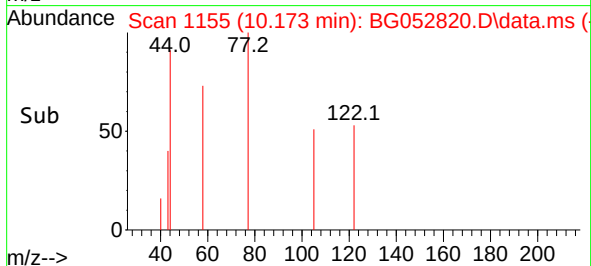
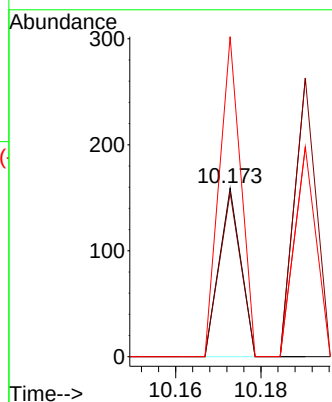
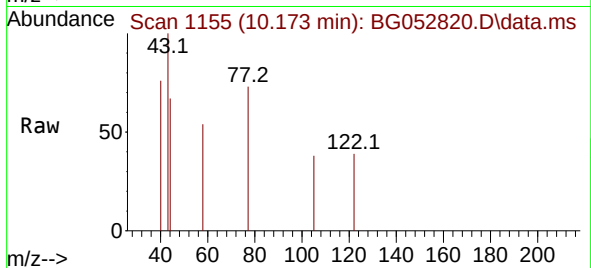
Instrument :

BNA_G

ClientSampleId :

MHB

Tgt Ion:122	Resp:	56
Ion Ratio	Lower	Upper
122	100	
105	97.5	112.8 152.8#
77	189.9	78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

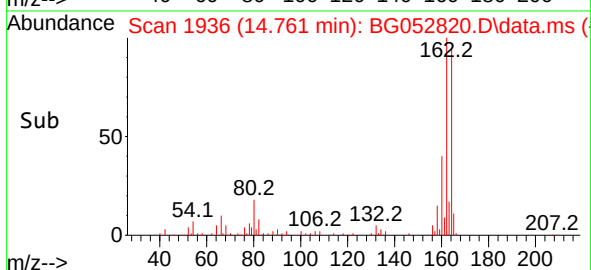
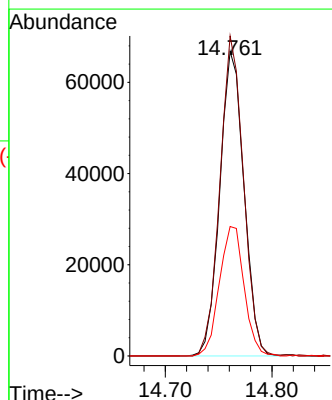
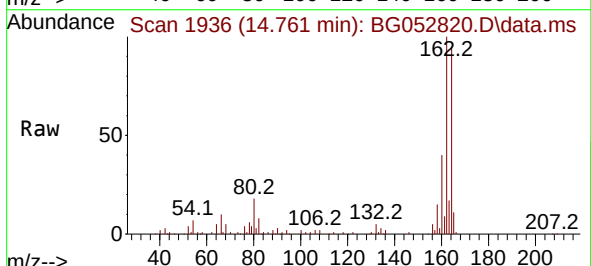
RT: 14.761 min Scan# 1936

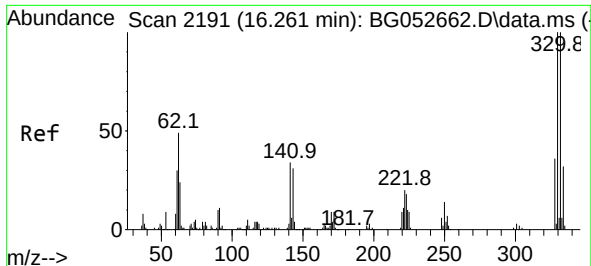
Delta R.T. -0.006 min

Lab File: BG052820.D

Acq: 24 Mar 2022 22:15

Tgt Ion:164	Resp:	105090
Ion Ratio	Lower	Upper
164	100	
162	105.1	80.0 120.0
160	42.5	38.8 58.2

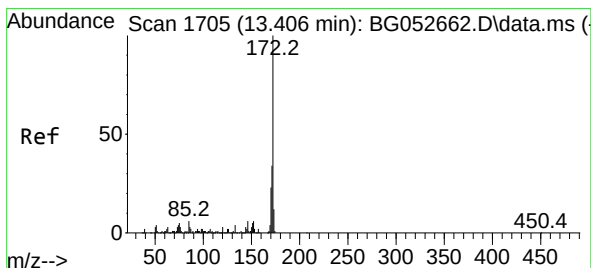
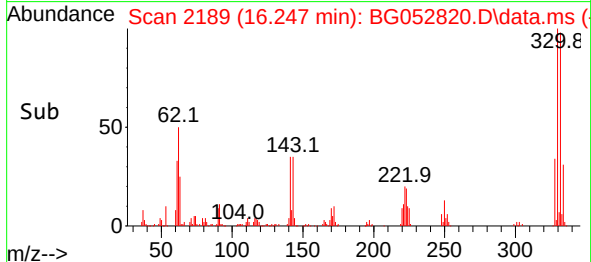
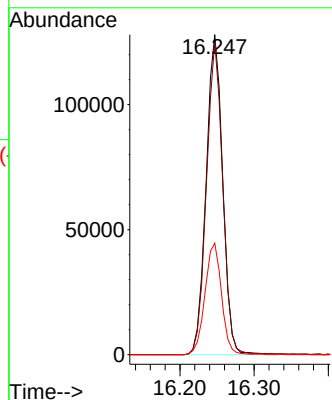
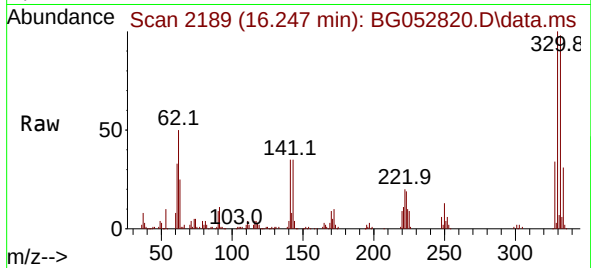




#42
2,4,6-Tribromophenol
Concen: 140.384 ng
RT: 16.247 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

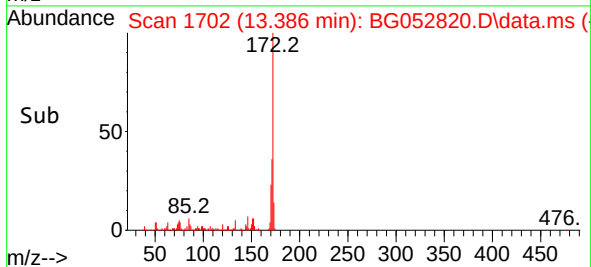
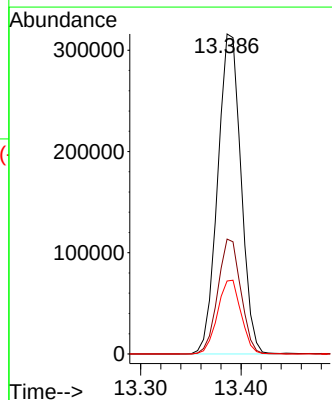
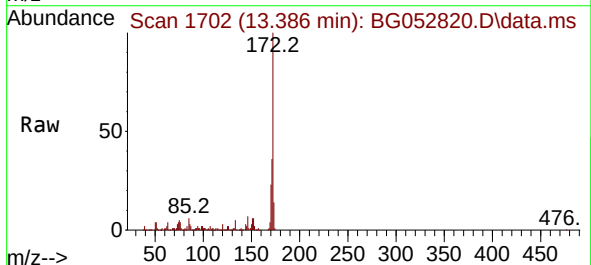
Instrument :
BNA_G
ClientSampleId :
MHB

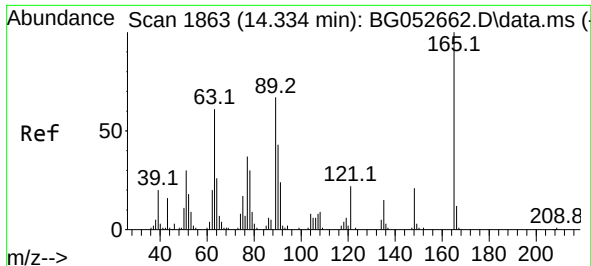
Tgt Ion:330 Resp: 198240
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 34.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 71.486 ng
RT: 13.386 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

Tgt Ion:172 Resp: 509369
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 22.8 18.0 27.0

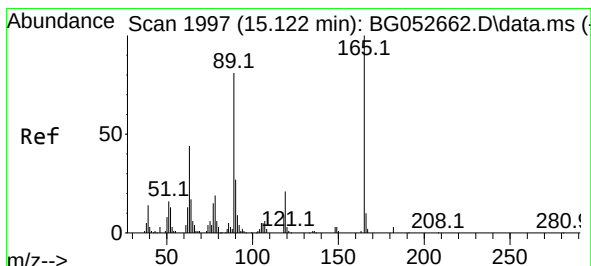
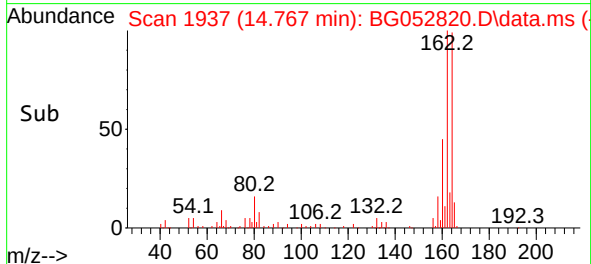
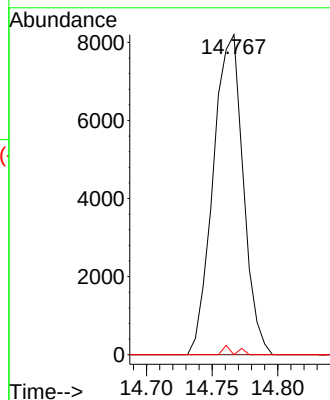
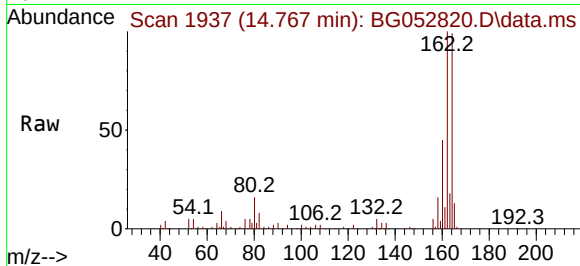




#51
2,6-Dinitrotoluene
Concen: 9.892 ng
RT: 14.767 min Scan# 1937
Delta R.T. 0.441 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

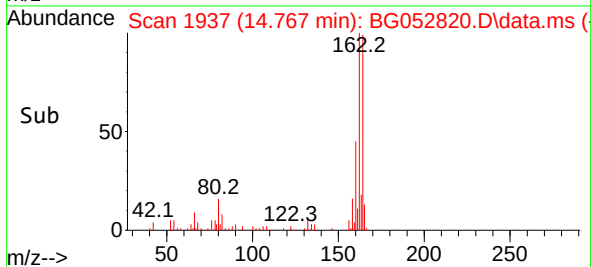
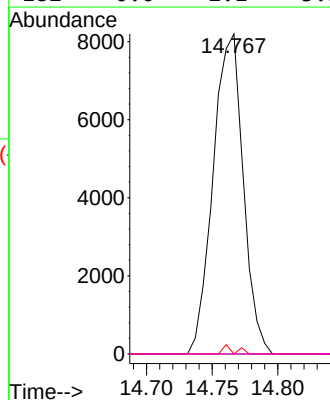
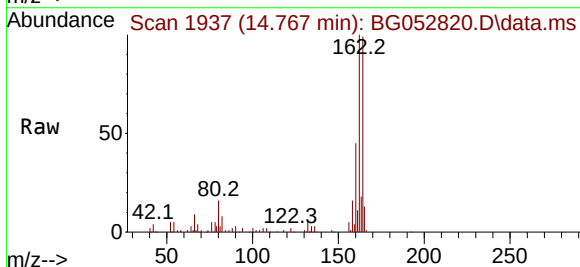
Instrument :
BNA_G
ClientSampleId :
MHB

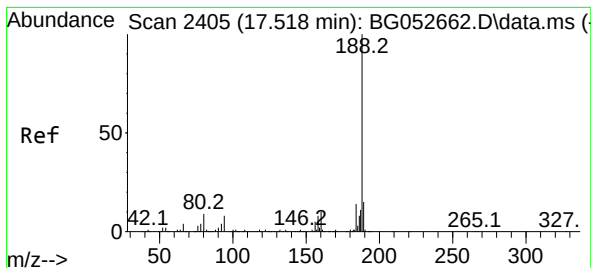
Tgt Ion:165 Resp: 13045
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.130 ng
RT: 14.767 min Scan# 1937
Delta R.T. -0.347 min
Lab File: BG052820.D
Acq: 24 Mar 2022 22:15

Tgt Ion:165 Resp: 13045
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.504 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG052820.D

Acq: 24 Mar 2022 22:15

Instrument :

BNA_G

ClientSampleId :

MHB

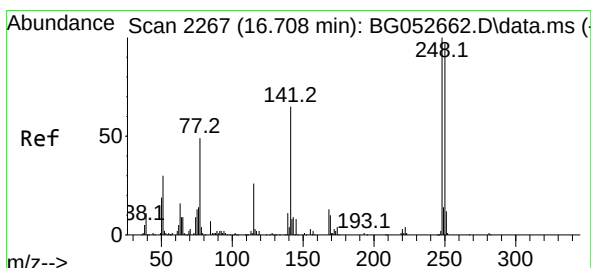
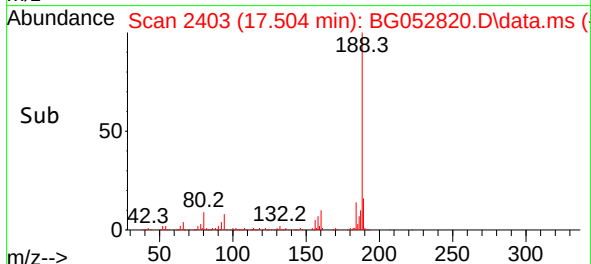
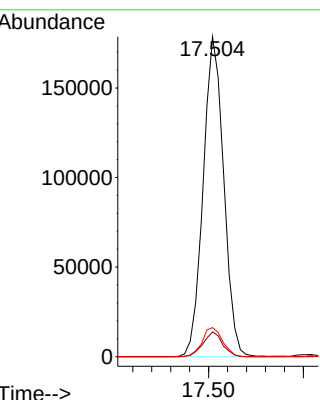
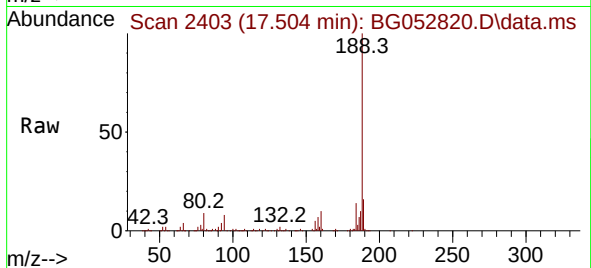
Tgt Ion:188 Resp: 268865

Ion Ratio Lower Upper

188 100

94 7.8 5.7 8.5

80 9.1 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.940 ng

RT: 16.241 min Scan# 2188

Delta R.T. -0.452 min

Lab File: BG052820.D

Acq: 24 Mar 2022 22:15

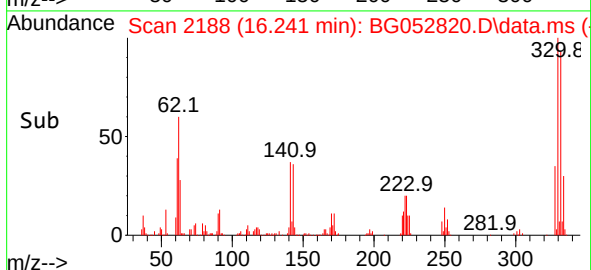
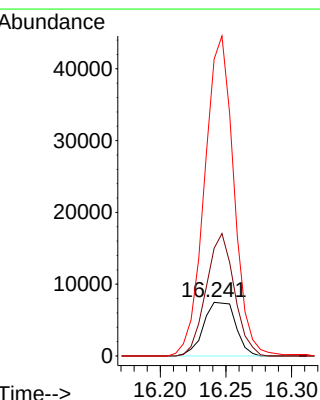
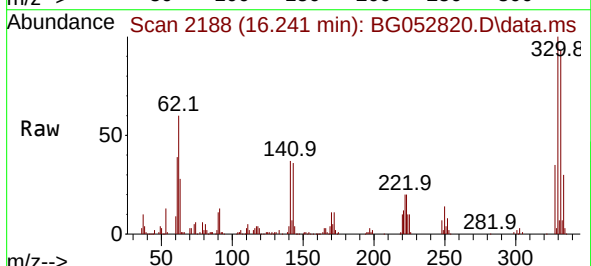
Tgt Ion:248 Resp: 12771

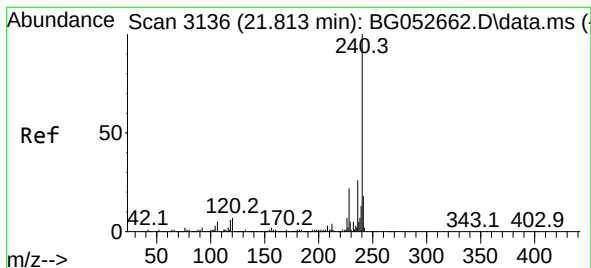
Ion Ratio Lower Upper

248 100

250 200.9 77.9 116.9#

141 553.3 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.792 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG052820.D

Acq: 24 Mar 2022 22:15

Instrument :

BNA_G

ClientSampleId :

MHB

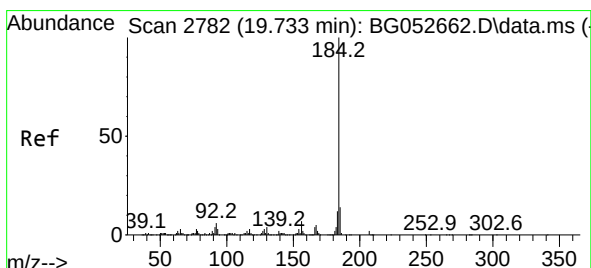
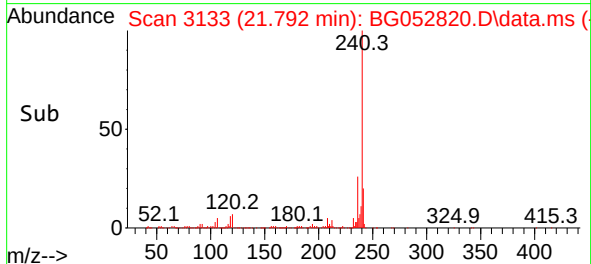
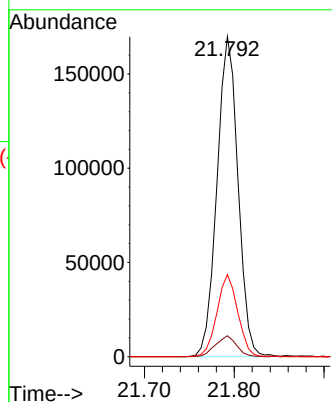
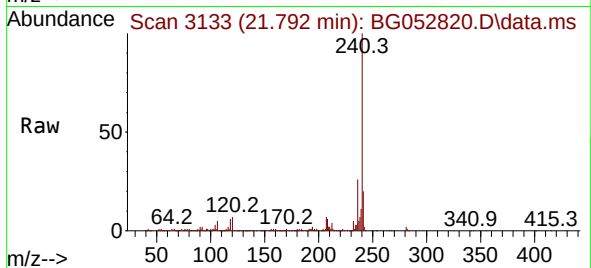
Tgt Ion:240 Resp: 275948

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

236 25.6 19.8 29.6



#77

Benzidine

Concen: 2.398 ng

RT: 20.106 min Scan# 2846

Delta R.T. 0.382 min

Lab File: BG052820.D

Acq: 24 Mar 2022 22:15

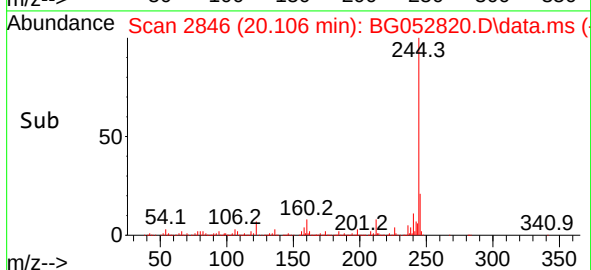
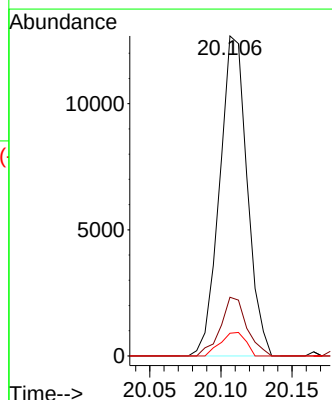
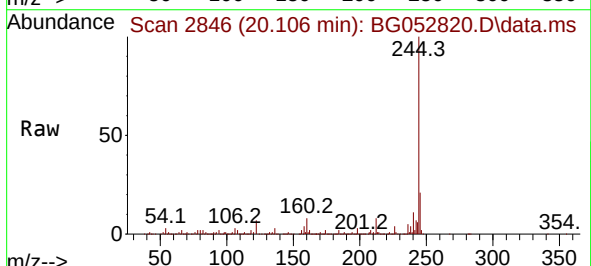
Tgt Ion:184 Resp: 17070

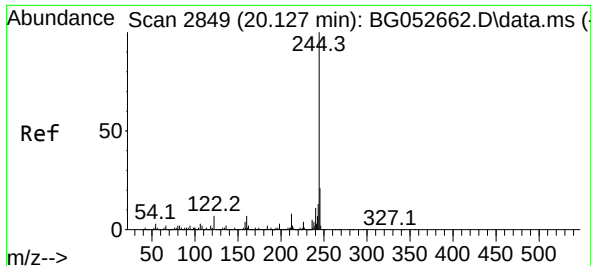
Ion Ratio Lower Upper

184 100

185 18.4 11.5 17.3#

183 7.1 9.4 14.2#

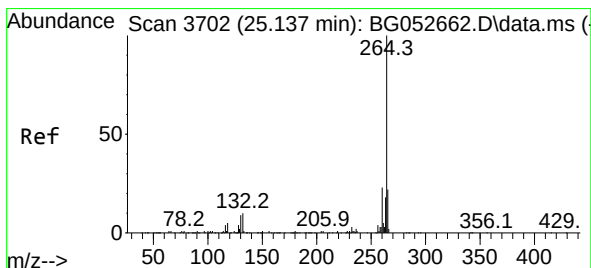
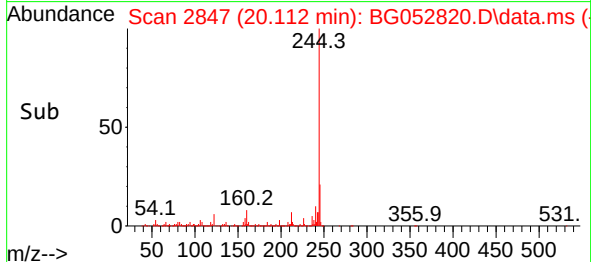
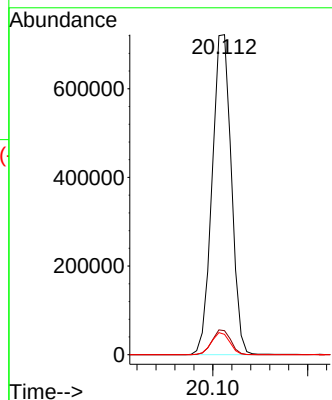
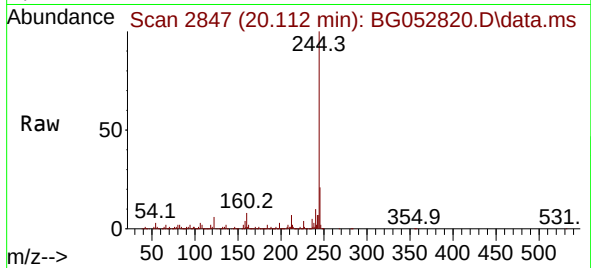




#79
 Terphenyl-d14
 Concen: 65.340 ng
 RT: 20.112 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG052820.D
 Acq: 24 Mar 2022 22:15

Instrument :
 BNA_G
 ClientSampleId :
 MHB

Tgt Ion:244 Resp: 1013596
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.111 min Scan# 3698
 Delta R.T. -0.000 min
 Lab File: BG052820.D
 Acq: 24 Mar 2022 22:15

Tgt Ion:264 Resp: 281203
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 20.6 15.1 22.7

